



RC160V, 122 lm/W, 830 warm white, Fixed Output

GreenPerform Panel RC160V is an edge lit slim panel with high efficacy in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Its lower UGR offers better visual comfort as well. In addition, RC160V offers easy connection to control system to bring better energy saving.

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	3 years

Light Technical

Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	122 lm/W
Color rendering index (CRI)	80
Number of light sources	240
Light source color	830 warm white
Optic type	Beam angle 100°
Luminaire light beam spread	100°
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	100 A
Inrush time	40 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	-
Number of products on MCB of 16 A type B	30
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Fixed
Control interface	Fixed Output
Maximum dim level	0% (digital)

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polystyrene
Optical cover material	Polystyrene
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	38 mm
Overall diameter	595 mm
Dimensions (Height x Width x Depth)	38 x 595 x 595 mm

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	PS
Net Weight (Piece)	1.700 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Order product name	RC160V LED37/830 W60L60 PSU
Full product name	RC160V LED37/830 W60L60 PSU
Full product code	872016954976099
Order code	911401509832
Material Nr. (12NC)	911401509832
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169549760
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169549760

Dimensional drawing

